

Taxonomic index

Bold numbers indicate illustrations.

Abies 119, 232
Acacia 105, 107, 116, 122, 125, 126, 130, 133, 192, 202, 222, 223, 227, 229, 231, 234, 239, 240, 253, 273, 290, 295, 303, **304–6**, 308, 309, **310**, **311**, 312, **313**, 314, 315, 321, 369, 378, 381, 382, 390, 412
melanoxydon 176, 295
peuce 379
Acaciapollenites 193
miocenicus 214, 222, 234, 239, 252
myriosporites 133, 214, 222, 229, 234, 239, 253
Acaena novae-zelandiae 375
Acanthaceae 238
Acanthus 238
Ackama 349, 351
Acmena 108, 135, 222, 290, **340**, 344, 346, 349, 352, 353, **354**, **355**, 363
Acropyle 219, 246, 272, 280, 281, 284, 399, 400
florinii 399
glabra 399
setiger 399
tasmanica 399
Acronychia 136, 364
Acrostichum 238, 251
aureum 206, **246**
speciosum 206
Acmilthia 286
Actinostachys **146**, **150**, 152, 162
Aculea 177
bifida 174
Adenanthos **149**, 150, 153, 162, 166, 167
Adiantaceae 206, 251
Adiantites 177
lindsayoides **146**, 152
Aegialtis 238
Aegiceras 237, 238
Aepyprymnus rufescens 376
Afropollis 153, 160
Agastachys 203, 212, 214, 217, 219, 221, 223, 235, 237, 254, 286, 289
Agathis 55, **147**, 152, 154, 177, 203, 267, 269, 270, 272, **283**, 284, 328, 338, 347, 351–3, **356**, 357, 361, 376, 402
jurassica 402
yallournensis 352, **354**, **355**, 361, 401

Agavaceae 214, 233, 252
Aglaoreidia qualumis 194, 211, 213, 223, 233, **246**, 252
Aizoaceae 239
Alamatus bifarius 182, 185
Alangiaceae 207, 234, 253
Alangiopollis 133, 253
Alangium 105, 106, 133, 223
villosum 207, 211, 227, 234, 253
Alchornea 107, 133
Alisporites similis 147, 152
Allocauarina 108, 239, 290, 295, 342, 362, 369, 407, 409, 410
littoralis **408**
nana 378
torulosa **408**
verticillata **290**, 375
Allosaurus 175
Alnus 119, 232
Alyxia 105, 106, 133, 210, 212, 213, 223, 231, 234, 254, 361
Amanda 177
floribunda 174, 182, 185
Amaranthaceae 133, 194, 218, 223, 231, 238, 253, 378
Ambrosia 324
Amperea 193
Amylothea 107, 133
Anacardiaceae 107, 133, 361
Anacolsa 105, 106, 119, 133, 203–5, 208–14, 217, 228, 230, 232, 234, **246**, 253, 315
Anacolosidites 133, 253
acutullus 203–6, 208, 212, **246**
luteoides 206, 208, 212, 214, 234
sectus 210–12, 214, 217, 228, 232, **246**
Anemia **146**, **150**, 151, 156, 157, 159, 160, 185
Angophora 106, 108, 113, 121, **123**, 124, 125, 134, 137, 413
Annonaceae 192
Anodopetalum 286
Anopterus 219
Anthoceros 251
Anthocerotae 105, 151, 236, 251
Apectodinium hyperacanthum 206, 207, 238
Apiaceae 222, 239, 241
Apium 239
Apocynaceae 210, 231, 234, 254, 361

Appendicisporites
cristatus 151
distocarinatus **145**, 159
potomacensis 151
problematicus 151
Apterocladus lanceolatus 152
Aquifoliaceae 134, 136, **150**, 153, 166, 192, 220, 253, 361
Araceae 135, 361
Araliaceae 107, 133, 267, 268, 271, **354**, 355, 361
Araucaria 54, 55, **147**, 152, 154, **174**, 180, 203, 222, 277, 280, 282, 284, 292, 328, 338, 347, 349, 351–3, **354**, **355**, 361, 376, 401, 402
balcombensis 402
bidwillii 402
cunninghamii 347
derwentensis 277
haastii 402
hastiensis 281, 402
heterophylla 401
ligniticii 347, **354**, **355**, 361
nathorstii 402
Section Bunya 402
Section Columbea 281, 402
Section Eutacta 283, 347, 401, 402
Section Intermedia 402
Araucariaceae 106, 110, 112, 113, **114**, 115, 117, 118, 131, 133, 137, 145, 147, 150, 152, 154, 155, 157, **164**, 180, 182, 183, 186, 192–4, 203–8, 211–13, 217, 219, 223, 226–33, 236, 240, 244, 245, **246**, 251, 252, 267, 270, 272, 276, 279–81, 284, 288, **304–8**, 309, 310, 311, 312, **313**, 316, 317, 319, 332, 338, 339, 342, 347, 351–3, 361, 390, 401, 402
Araucariacites 193, 206, 211, 212, 217
australis 133, 147, 152, 194, 229, **246**, 251
Araucarioides 279, 284, 402
Araucarites 401
phillipsii 401
Arcellites 152
Archidendron 222, 223, 227, 231, 234, 239, 252, 254
Archirhodomyrtus 113
Arecaceae 205, 209, 212, 223, 228, 231, 233, 238, 252, 339, **348**, 361

- Arecipites* 112, 205, 252
 waitakiensis 229
Aristarum gummiferum 240
Ascarina 106, 133, **147**, **150**, 153, 156, 161,
 162, 194, 205, 207, 209, 212, 214, 220,
 223, 227–9, 232, **246**, 253
Asseretospora 210, 251
Astelia 233, 237, 240, 241, 377
 alpina 369
Asteraceae 107–10, 115, 116, 126, 133,
 137, 194, 205, 219, 228–31, 234,
 238–41, **246**, 255, 276, 295, 303,
 304–8, 309, **310**, **311**, 312, **313**,
 314–16, 318, 321, 323, 324, 369, 373,
 378–80, 383, 384
Asteropolis 158, 159
 asteroides 147, 153
Atalaya hemiglaucula **380**
Atherosperma moschatum 289
Athrotaxis 207, 221, 241, 276, 277, 282
Atriplex 125
Australopolis obscurus 133, **148**, 153, 160,
 203, 207, 211, 234, **246**, 253
Austrobuscus 106, 133, 223, 234, **246**
 swainii 362
Austrocedrus 246, 282
Austrodiospyros 265, 267
 eocenica 265
Austromuellera 123, 405
Austromyrtus 108, 222, **340**, **354**, 355, 363
Austrosequoia wintonensis 184
Avicennia 231, 237, 238
Azolla 150, 152, 162, 163, 233, 236, 353
 filiculoides 354, 355, 360
 Section *Azolla* 360
 Section *Rhizosperma* 354, 355, 360
Azollaceae 233, 236

Backhousia 108
Baculatisporites 154
 comaensis 146, 151
Baeckea 135, **340**, 349, 352, 353, **354**, 355,
 363
Balmeiopsis 160
 limbata **145**, 147, 152, 155, 157
Balmeisporites 152
Banksia 123, 194, 214, 219, 220, 221, 223,
 235, 253, 272, 287, 290, 293–5, 315,
 317, 322, 328, 343, 349, **356**, 357,
 364, 369, 405, **406**
 aemula 294
 chamaephyton **406**
 grandis **283**, **406**
 grossa **406**
 ericifolia 294, **406**
 integrifolia var. *integrifolia* 294
 kingii 291
 marginata 294, 295, 375, **406**
 robur 294
 serrata 210, 244
 spinulosa 290, 294, **406**
 strahanensis 290

Banksieae 106, 118, 123, 133, 137, 266,
 269, 287
Banksiaeacidites 133, 210, 253
arcuatus 203, 235, **246**, 253, 272, 364
elongatus 235, 364
Banksieaeformis 270, 273, 287, 292, 405
 decurrens 267
Banksiaephyllum 265–7, 269, 273, **283**,
 287, 292, **339**, 343, 352, 353, 405
 acuminatum 354, 355, 364
 angustum 364
 attenuatum 281
 cuneatum 269
 laeve 342, 343, **344**, 349, 353, **354**, 355,
 364
 obovatum 342, 343, **344**, **354**, 355, 364
 pinnatum 342, 343, **344**, 353, **354**, 355,
 364
 regulare 287
Banksineae 269
Barringtonia 119, 238
Barringtoniaceae 238
Basopolis 203, 206, 253
Bauera 286
Baueraceae 192, 195
Baumea 239
Bellarinea barklyi 178, 396
Bellendenia 286
Beauprea 106, 124, 133, 137, **148**, **150**, 153,
 162, 166, 196, 203, 208, 211–15, 217,
 222, 228, 232, 235, **246**, 253, 268,
 364, 403
Beaupreaidites 133, 153, 194, 253, 315
 elegansiformis **148**, 196, 203, 235, 364
 orbiculatus **148**, 203, 209
 verrucosus 203, 214, 217–19, 222, 232,
 235, **246**
Beilschmiedia 193
Bellium **148**, 153, 166
Betongia 90
Betulaceae 391, 392
Biretisporites eneabbaensis **145**, 154
Blechnaceae **150**, 152, 162, 221, 226, 233,
 282, 339, 353, 359, 360
Blechnum **150**, 152, 162, 282, 352, 360
Bluffopolis scabratus 235, 253
Bombacaceae 216, 232, 234, 237, 253,
 379
Bombacidites bombaxoides 133, 234, 253
Bombax 106, 133, 234, 253
Botryococcus 115, 125, **215**, 223
Bowenia 266, 279, 360
 papillosa 264
 serrulata 279
Brachychiton 53, 136, 219, 265–7, 269, 270,
 273, 287, 365
Brachyloma 362
Brachyphyllum 173
 gippslandicum **174**
 irregulare **147**, 152
 mamillare **147**, 152, 401
Brownlowia 207, 237

- Bryosporis*
 anisopolaris 233, 236, 251
 problematicus 235
Bubbia **148**, 153, 166
Bulbine 378
Bulminoides chattonensis 84

Cacumen 180
 expansa 151, 154
Caesalpineae 118
Caesalpiniaceae 133
Caesalpinoides 105, 107
Caesalpinoidae 210, 212, 223, 227, 231,
 234, 238, 244, 254
Calamus 107, 133, 233
Callialasporites
 dampieri **147**, 152
 trilobatus 152
Callicoma 219, **354**, 355
 serratifolia 286
Callistemon 121
Callitrichaceae **150**, 153, 165, 203–5,
 207–9, 211, 212, 234, **246**, 253
Callitriche 106, 133, **148**, **150**, 153, 160–2,
 165
Callitris **289**, 290, **356**, **357**, 360, 382
 glauca 379
 intratropica 384
Calomeria amaranthoides 324
Calytrix **354**, **355**, 363
Camarozonosporites
 ambigens 151
 amplus 151
 bullatus 152, 209, 251
 ohiensis 151
Campanulaceae 241
Camptostemon 216
Canis familiaris 81, 84, 94
Canthium 107, 133, 210, 212, 217, 226,
 235, 255
Canthiumidites 194
 bellus 222, 227, 235, 253
 oblatus 133
Carnarconia 107, 133, 137, **148**, **150**, 153,
 162, 163, 166, 364
Carnarconioideae 166
Caryophyllaceae 203, 204, 207, **246**, 254,
 362
Cassia 378
Cassinia arcuata 324
Cassytha 273, 280
Casuarina 108, 222, 239, **354**, **355**, 407,
 409, 410
 avenacea 410
 equisetifolia 407, **408**
 patagonica 409, 410
 stellata 410
Casuarinaceae 105, 106, 108–10, 112, 113,
 114, **115**, 116–19, 122, 123–6, 131,
 133, 137, 163, 192, 194, 196, 203–6,
 208–14, 215, 216, 217, 219, 220, **221**,
 222, 223, 226–9, 232, 234, 236, 237,

- 239, 243–5, **246**, 253, 264–7, 269, 270, 279, 281, 285, 287, 295, 303, **304–8**, 309, **310**, 311, 312, **313**, **314**, 315, 316, 317, 318, 319, 321, 323, 324, 328, 336, 337, 339, **340**, **341**, 342, 343, 346, 349, 351, 352, **356–8**, 362, 369, 379, 383, 390, 404, 405, 407, **408**, 409, 410
- Casuarinidites cainozoicus* 133
- Casuaris casuarius* 93
- Celastrophyllum* **174**, 182, 186
- hunteri* 186
- Celtis* 133, 231, 365
- Cenarrhenes* 281, 286
- nitida* 289
- Cenarrheninae* 403
- Centrolepidaceae* 317, **322**, 328, **339**, **348**, 349, **358**, 361
- Cephalotaxaceae* 396
- Ceratopetalum* 107, 133, 220, 267, 286, **339**, 343, 344, **345**, 349, 351, 362
- apetalum* 267
- macropetalum* 267
- Ceratospores equalis* **146**, 151
- Chaeropus ecaudatus* 92, 95
- Cheilepidaceae* 152, 154, 156–8, 160, **164**, 186
- Chenopodiaceae* 125–7, 133, 194, 218, 223, 227, 231, 232, 234, 238, 239, 246, 253, 303, **304–8**, **310**, **311**, 312, 313, 314, 315, 321, 369, 378, 379, 380, 383, 390
- Chenopodipollis chenopodiaceoides* 133, 194, 218, 223, **224**, **225**, 234, 253
- Chloranthaceae* 124, **150**, 153, 156, 194, 253
- Cicatricosisporites*
- cuneiformis* 151
- hughesii* **146**, 151, 156, 157
- pseudotripertitus* 152, 156
- venustus* 152
- Cinnamomeae* 193
- Cinnamomum* 271
- virens* 193
- Cissus* 210, 231, 235, 255
- Cladophlebis* **174**, **176**, **177**, 185
- australis* 172
- Classopollis* 152, 154, 159, 160
- chateauvicii* **147**
- Clavatipollenites* 133, 156–9
- australis* 194
- glarius* 194, 232, **246**, 253
- hughesii* **147**, 153
- Clavifera triplex* 152, 161
- Cleistocalyx* 108, 135
- Clematis* **148**, **150**, 153, 162, 163
- Codonocarpus attenuatus* 303
- Coelebogynne* 107, 133
- Combretaceae* 238
- Concolpites leptos* 193, 205, 234, **246**, 253
- Conospermum* 364
- Convolvulaceae* 135, 212, 217, 223, 227, 231, 234, 239, 254
- Coprosma* 107, 133, 210, 226, 235, 241, 254, 364
- Coptospora paradoxa* **145**, 151, 158
- Cordylina* 383
- Corollina* 154
- Coronatipora* 151
- Coronelia* 399
- molinae* 280
- Corsinipollenites* 194, 234
- Corsinipollis* 253
- Cranwellia* 210, 213, 253
- costata* 223, 234
- striata* 232, 234, 237
- Cranwellipollis* 194
- Crassiretitrites vanraadshoovenii* 206, 233, 251
- Cretaceiporites scabratus* 165
- Crybelosporites* 152, 155
- striatus* **145**, **146**, 158
- stylosus* **145**, 154
- Cryptocarya* 193
- Ctenis coronata* 175
- Culcita* **150**, 152, 162, 214, 233, **246**, 251
- Cunonia* 219, 286
- Cunoniaceae* 55, 106, 112, 133, 134, 192–5, 205, 207, 209, 212–14, 218–20, **221**, 227, 228, 234, 239, 243–5, 253, 267, 272, 281, 285, 286, 303, **304**, **306**, 312, **313**, 314, 338, 339, **340**, 342–4, **345**, 349, 351, 353, **354**, **355**, 362
- Cupaneidites* 134
- Cupaneidites* 194, 253
- orthoteichus* 235, **246**, 365
- reticularis* **246**
- Cupanieae* 106, 110, 134, 192, 194, 205, 206, 208, 209, 211–14, 217, 219, 221–3, 226–9, 231, 232, 235, **246**, 253, 365
- Cupressaceae* 107, 116, 134, 137, 194, 204, 205, 212, 219, 228, 236, 243, 246, 272, 276, 280, 288, 338, 360, 379
- Cyathea* 105, 110, 115, 116, 118, 126, 251, 375
- australis* 359
- Cyatheaceae* 194, 203, 205, 206, 209, 212, 213, 219, 221, 228, 233, **246**, 251, 282, 283, 359
- Cyatheacidites*
- annulatus* **146**, 152, 159, 195, 218, **224**, **225**, **245**, 251, 359
- tectifera* 230, 232
- Cyathidites* 154, 204, 251
- australis* 152, 194
- gigantis* 238
- minor* **146**, 152
- paleospora* 194, 228
- splendens* 205, 206, 214, 238, **246**, 251
- subtilis* **246**, 359
- Cyathodes* 289
- Cycadopites nitidus* **147**, 152
- Cyclosporites hughesii* **145**, 155
- Cynometra* 238
- Cyperaceae* 106, 113, 125, 126, 134, 194, 208, 213, 219, 223, 228, 231, 233, 239, 241, 252, 315, 352, **354**, **355**, 361
- Cyperaceae-pollis* 134, 193, 252
- neogenicus* 233
- Dacrycarpites australiensis* 134, **147**, 153, 194, 233, **246**, 252, 360
- Dacrycarpus* 55, 106, 117, 118, 124, 134, 137, **147**, **150**, 153, 161–3, 166, 194, 203, 211, 213, 219, 222, 226, 228, **246**, 252, 271, 272, 280, 284, 289, 292, **314**, 315, 338, 339, 341, **342**, 343, 351–3, 360, 396, 399, 400, 401
- acutifolius* 284, **400**
- arcuatus* 284
- crenulatus* 284
- cupressiformis* 284
- involutus* 284
- lanceolatus* 284
- latrobensis* 55, 342, 351, 352, **354**, **355**, 360
- linearis* 284
- linifolius* 284, **400**
- mucronatus* 284, **400**
- Dacrydium* 106, 117–19, 124, 125, 134, 137, **147**, **150**, 153, 161–3, 166, 167, 194, 203–5, 207–9, 212–14, 219–21, 223, 226–9, 231, **246**, 252, 280, 284, 289, 313, 328, 339, 341, 342, 343, 344, 349, 352, 353, **354–7**, 360, 376, 383, 396, 398, 399
- aciculare* 284
- cupressinum* 118, **304**, **310**, 360
- rhomboideum* 342, 343, 349, **354**, **355**, 360
- sinuosum* 284
- tasmanicum* 284
- Dacrydiumites florinii* 360
- Darlingia* 271, 353, **354**, **355**, 364
- Decaspermum* 108
- Decussocarpus* 267
- Deflandrea obliquipes* 205, 209
- Dendroceros victoriensis* 185
- Dendrocnide* 93
- Dendrolagus* 90, 97
- Dennstaedtiaceae* 233, 251
- Densiosporites velatus* 151
- Desmidiaceae* 223
- Dicksonia* **150**, 152, 233, 251, 359
- antarctica* 289, 290
- Dicksoniaceae* **150**, 152, 162, 194, 205, 219, 233, **246**, 251, 359
- Diccolpopollis* 192, 212, 233
- metroxytonoides* 227, 252
- Dicranopteris* **146**, 152, 346, 359
- Dicroidium* 2, 214
- Dictyophyllidites* 154
- arcuatus* 226, 346, 359

- Dictyophyllidites* – cont.
crenatus 146, 152
pectinataeformis 146, 152
 Didymelaceae 205, 209, 213, 231, 234, 246
Dilobeia 403
Dilobeinae 403
Dilwynites 193, 194, 206, 208, 209,
 211–13, 227, 228, 233, 252
granulatus 133, 193, 203, 246
tuberculatus 193, 246
Dionaea 213
Diospyros 134, 266, 267, 362
Diplopeltis 128, 315
Diporites aspis 134, 234, 253
Diprotodon 378
optatum 91, 96, 97
Discaria 378
Disphyma 239
Dissiliaria 106, 133
Dodonaea 107, 125, 126, 134, 193, 253,
 303, 305, 365
sphaerica 134, 194, 253, 365
triquetra 105, 107, 128, 129, 130, 134,
 210, 213, 220, 235, 239, 240, 244,
 254, 315
Doodia 150, 152, 162
Dorcopsis 90, 97
Dorcopsulus 97
Drimys tetradites 136
 Droseraceae 107, 134, 205, 207, 213, 219,
 222, 223, 231, 234, 362
Droserapollis 134
Dryadopollis retequetrus 235
Dryandra 123, 194, 214, 219, 220, 223,
 235, 287, 315, 343, 364, 405
Drytopollenites semilunatus 233, 252
Dysoxylum 135, 214, 217, 231, 255, 363

 Ebenaceae 107, 134, 265, 266, 267, 362
Ekaltadeta ima 98
 Elaeocarpaceae 107, 134, 192, 193, 195,
 207, 209, 213, 219, 220, 221, 227,
 234, 265, 266, 269, 273, 285, 287,
 312, 333, 334, 338, 339, 346, 347,
 351–3, 362
Elaeocarpus 134, 266, 269, 273, 287, 303,
 304, 306, 313, 314, 317, 346, 351, 362,
 376
Elatocladus 178
Embothriaceae 286
Embothriinae 287
Embothrium 167, 217–19, 235, 246, 253,
 364
coccineum 217
Emmenosperma 364
Endiandra 193
 Epacridaceae 135, 148, 150, 153, 162, 166,
 194, 207, 220, 221, 232, 234, 237,
 239, 241, 253, 254, 276, 285, 295,
 317, 322, 358, 362
Epacris virgata 210, 218, 234, 254
Ephedra 119, 207, 252
 Ephedraceae 207, 252
Ephedripites 207, 246
notensis 246, 252
Epilobium 210, 223, 227, 228, 231, 234,
 253
 Equisetaceae 146, 151
Equisetites wonthaggiensis 174
Equisetum 173, 180, 186
Eremophila 378
 Ericaceae 207, 317, 322, 358, 362
Ericipites 134, 194, 234, 253
crassixinus 362
scabratus 148, 153, 246
 Escalloniaceae 136, 219, 265
Eucalyptophyllum 412
Eucalyptus 52, 95, 106, 108, 110, 111, 113,
 121, 122, 124–6, 134, 137, 193, 194,
 202, 209, 212, 213, 218, 221–3,
 226–9, 239, 240, 254, 290, 291, 293,
 295, 303, 304–6, 308, 309, 310, 311,
 312, 313, 315, 316, 318, 319, 322, 363,
 369, 375, 380, 383, 386, 390, 410,
 412–14
alba 379
bugaldiensis 412
camaldulensis 378
coriacea 411
dalrympleana 378
globulus 412
macrophyara 378
mannifora 378
patagonica 413
pauciflora 375, 377, 385, 411
plutii 411, 412
praecoriacea 411
regnans 377
rubida 385
sideroxylon 378
spatulata 107, 127, 134, 137, 228, 240,
 413
Eucryphia 107, 134, 203, 207, 272, 280
aberensis 281
lucida 281
microstoma 280
milliganii 281
 Eucryphiaceae 134, 192, 195
Eugenia 121, 195, 214, 218, 222, 223, 227,
 254, 353, 376
Euodia 136, 222, 364
 Euphorbiaceae 133, 135, 192, 193, 204–9,
 213, 214, 217, 219, 221, 223, 227, 228,
 234, 236, 237, 246, 253–5, 266, 273,
 340, 362
 Eupomatiaceae 192
Euphrasia 375
Exocarpus 107, 134, 365
Exocaria 237

 Fabaceae 194, 231, 234, 244, 254
 Fagaceae 135, 150, 153, 193, 234, 254,
 271, 285, 339, 351, 362, 391, 392
Fagraea 363
Fagus 271
Falcatifolium 281, 282, 284, 399
Fatsia 268
Ficus 273
Fischeripollis halensis 213
Flindersia 364
Florschuetzia levipoli 206, 238, 252
 Foraminisporis
asymmetricus 151
dailyi 146, 151
wonthaggiensis 145, 146, 151, 155
Forcipites longus 145, 162, 196, 202
Forstera 219, 231, 235
 Foveolites
balteus 359
crater 218, 251
lacunosus 251
palaequetrus 233, 251
Freycinetia 233, 237, 252
Fuchsia 105, 107, 130, 131, 134, 193, 217,
 223, 228, 234, 253
Fulgorotherium australe 175

Gahnia 354, 355, 361
Gambierina 202, 203, 205, 209, 253
edwardsii 246
rudata 246
Gardenia 107, 134, 226, 231, 255
chartacea 105, 107, 118
Geinitzia tetragona 174, 180
Geissois 107, 134, 362
Gentiana 107, 134
 Gentianaceae 134, 194, 219, 222, 234,
 241, 255
Gentianella diemenensis 375
 Gephyrapollenites 136
calathas 365
 Geraniaceae 134, 216, 234, 241
Geranium 107, 134
Gevuina 106, 117, 123, 124, 134, 137, 149,
 150, 153, 161–3, 166, 203, 204, 206,
 209, 212, 223, 235, 246, 403
Gevuininae 287, 403
Gillbeea 205, 207, 209, 218, 234, 246, 253
Ginkgo 156, 157, 173, 176, 177, 180, 280,
 281
biloba 178, 186
Ginkgoites 174
australis 145, 174, 175, 178, 180, 182
digitata 173
multiloba 174
waarensis 174, 182, 183, 186
Gleichenia 146, 150, 152, 160, 282, 295,
 317, 322, 339, 340, 344, 346, 349,
 352, 354–8, 359
dicarpa 346, 347, 359
 Gleicheniaceae 150, 152, 161, 162, 203,
 204, 206, 209, 212, 213, 219, 220, 226,
 229, 246, 251, 264, 282, 336, 338,
 339, 346, 349, 352, 353, 359
Gleichenioides 155, 246, 251
circinidites 146, 152, 346, 359

- Gleichenites* 174
nanopinnatus 185
Glencopollis ornatus 223, 235, 253
Glossopteris 2, 124
Gonocarpus 116, 234
 Goodeniaceae 230, 231, 239, 361
Gothanipollis 210, 223, 231, 253
bassensis 135, 213, 214, 217, 234, 246, 363
Graminidites 233, 252
media 136, 361
Granodiporites nebulosus 217, 218, 235, 246, 253
Grapnelispora evansii 152
Grevillea 107, 123, 125, 134, 137, 149, 150, 153, 162, 166, 194, 212, 226, 235, 240, 253, 293, 315
australis 295
robusta 123, 232, 235
Grevilleoideae 166, 286
 Grossulariaceae 193, 194, 234, 255
Guettarda 105, 106, 134, 226, 227, 253
Guettardidites 134, 253
Gunnera 106, 117, 134, 148, 150, 153, 162, 163, 166, 167, 193, 205, 213, 217, 219, 229, 241, 255
 Gunneraceae 124, 134, 150, 153, 193, 232, 255
Gunnerites reticulatus 134
Gymnobelideus leadbeateri 377
Gymnostoma 53, 108, 194, 206, 210, 212, 219, 222, 239, 264–7, 269, 270, 272, 273, 280, 281, 287, 303, 341–3, 349, 351, 352, 354, 355, 362, 407, 409, 410
australianum 265, 407
papuanum 408
Gyropollis psilatus 234, 253
 Gyrostemonaceae 107, 116, 126, 134, 213, 217, 218, 220, 223, 234, 253, 303, 305, 314, 315, 363

Hakea 107, 123, 125, 134, 137, 194, 212, 226, 235, 240, 253, 315
Hakeidites 235, 253
Halocarpus 246, 395
bidwilli 203, 209, 212, 213, 218, 226, 228, 233, 236, 252
biforme 236
kirkii 236
 Haloragaceae 134, 135, 234, 363
Haloragacidites 196
cainozoicus 194
haloragoides 134, 234
harrisii 133, 194, 203, 234, 246, 253, 341, 362
myriophylloides 135
Haloragis 107, 116, 134, 315, 363
Haloragodendron 234, 255
Hedyosum 147, 153, 158
Helicia 106, 110, 135, 137, 150, 153, 351, 364
Heliciporites astrus 133
Hemitelia 217, 233, 236, 246, 251

Hepaticites 151, 185
discoides 185
undulatus 185
Heritiera 238
Herkosporites 203
elliottii 151, 251, 359
Hicksbeachia 106, 117, 123, 124, 134, 137, 149, 150, 153, 161–3, 166, 203, 204, 206, 209, 212, 223, 235, 246, 403
Hicksbeachiinae 403
Histeopteris 233
incisa 251
Hoegisporis 145, 159, 160, 166
uniforma 147
Huperzia 151, 155
Hydrocotylophyllum 174, 182
lusitanicum 181, 182, 186
Hymenanthera 378
 Hymenophyllaceae 282
Hypolaena 106, 136
Hypolepis 233, 251
spinyispora 233, 251
Hypsiprymnodon 90

Ilaria 87
Ilex 105, 106, 117, 119, 124, 130, 134, 148, 150, 153, 161–3, 166–8, 205, 209, 212–14, 221, 228, 232, 253, 361
Ilexpollenites 134, 253
anguloclavatus 148, 153, 361
Integricarpus 202, 203
Interlobites intraverrucatus 151
Intratrirporopollenites notabilis 235, 246, 253
 Iridaceae 194, 252
Ischyosporites 152
 Isoetaceae 146, 151, 233
Isoetes 173, 233, 282, 295
Isophysis 240
Isopogon 107, 134, 137, 194, 210, 213, 226, 229, 235, 254, 315

Jasminum 107, 135
 Juncaginaceae 239
Jungermannia 185

Klukisporites 155
scaberis 152
Knightia 123, 149, 150, 153, 162, 163, 166, 235, 403
Kolopsis rotundus 89
Kuylisporites waterbolkkii 233, 236, 246, 251

Laevigatosporites ovatus 360
Lagarostrobos 106, 113, 116–18, 124, 131, 135, 137, 147, 150, 153, 161–3, 166, 194, 204, 205, 207, 209, 211–14, 216, 217, 219, 220, 222, 226, 228, 246, 252, 280, 282, 284, 311, 333, 334, 398
franklinii 105, 113, 114, 203, 252, 282, 289, 304, 310, 360, 369, 398
marginatus 284
Lagochestes 990

Laguncularia 238
 Lamiaceae 241
Lappacarpus aristata 186
Lateropora glabra 233, 237, 252
Latrobosporites crassus 359
marginis 233, 251
 Lauraceae 48, 55, 104, 193, 195, 219, 222, 241, 245, 264–7, 269–73, 277, 280, 281, 283, 285, 287, 290, 328, 351, 390
Laurophyllum 264, 292
Lepidocyclina 34
Lepidothamnus 399
Lepidozamia foveolata 264
Leptocaryoidae 211
Leptopteris 146, 151
Lephorhynchos 378
 Leptospermioideae 121, 222
Leptospermum 121, 135, 295, 340, 349, 352, 363
scoparium 295
Libocedrus 219, 246, 280, 282, 289
 Liliaceae 106, 135, 147, 161, 194, 213, 233, 241, 252, 339, 348, 349, 361
Liliacidites 135, 192, 194, 252, 361
kaitangataensis 147
Limonium 239
Liparophyllum 234, 255
Liisea 193
Livistona mariae 379
 Lobeliaceae 241
 Loganiaceae 241
Lomatia 219, 283, 286, 287, 292
fraxinifolia 286
tinctoria 286, 295
xeromorpha 286
Longetia 133
Lophosoria 146, 150, 152, 159, 161, 195, 218, 230, 232, 246, 251, 359
 Lophosoriaceae 150, 152, 195, 251, 359
 Loranthaceae 106, 135, 166, 209–14, 217, 221, 223, 228, 231, 232, 234, 237, 246, 253, 255, 363
Luminidites phormioides 214, 233, 252
 Lycopodiaceae 146, 151, 158, 159, 185, 233, 359
Lycopodiella 155
Lycopodites victoriae 185
Lycopodium 146, 151, 155, 157, 161, 165, 218, 236, 251
australianum 233, 236, 251
deuterodensum 251
laterale 217, 233, 236, 251, 359
varium 251
Lygistepollenites 153, 396
balmei 202–5, 207, 243, 252
florinii 134, 147, 194, 203, 209, 233, 246, 252
Lygodium 184, 206, 208, 209, 217, 219, 233, 236, 251, 266–8, 273, 282
aureonemorosum 268
Lymingtonia 136, 223, 234, 253

- Macadamia* 106, 110, 117, 123, 124, 135, 137, **149**, 150, 153, 161–3, 166, 403
Macadamieae 287
Macadaminae 403
Macaranga 107, 110, 118, 135, 255, 362
Mackinlaya 361
Macroopus 89, 91, 381
Macrozamia 284, 351, 360
Mallotus 107, 110, 118, 135, 227, 255, 362
Malpighiaceae 105, 107, 135, 210, 223, 231, 244, 254
Malvaceae 135, 193, 218, 223, 227, 228, 231, 234, 237, 253, 379
Malvacearumpollis 135, 193, 218, 234, 253
Malvacipollis 133, 193, 206, 214, 227, 234, **246**
 diversus 206, 253
 spinysspora 135, 234, 253
 subtilis 237, **246**, 254, 362
Marattiaceae 151
Margocolporites vanwijhei 133, 210, 234, 254
Marsiliaceae **146**, 152, 161, 185
Maslinea 267
Mataia 396
Matonia **146**
Matoniaceae 152
Matonisporites 155
 cooksoniae 152
 ornamentalis 194, 233, **246**, 251
Megalanina prisca 91
Megalibgilia 94
Melaleuca 121, 291, 293, 352, 353, **354**, **355**
Meliaceae 107, 135, 192, 208, 226, 227, 231, 255, 363, 379
Melicope 136, 214
 broadbentiana 365
Melomys 99
Menispermaceae 48, 50, 192, 264
Menispermaphyllum tomentosum 264
Menyanthaceae 226
Merrimia 106, 135, 254
Mesibovia 282
Metrosideros 135, 234, 254, 363, 413
Metroxylon 252
Micranthemum 107, 113, 118, 135, 213, 217, 223, 228, 229, 234, 253
Microalutidites palaeogenicus 233, 252
Microachrydites antarcticus 135, **147**, 153, 193, 236, **246**, 252, 360, 398
Microachrys 106, 118, 124, 135, 137, **147**, **150**, 153, 154, 157, 159, 162, 167, 193, 204, 205, 208, 209, 214, 217, 219, 228, 229, 233, 236, 240, 241, **246**, 252, 280, 295, 354, 355, 398
 tetragona 203, 236, 252, 290, 360, 398
Microfeveolatosporis fromensis **146**, 152
Microsorium 217, 233, 251
Microstrobos **147**, 153, 193, 207, 219, 222, 226, 230, 233, 236, 240, 241, 252, 280, 295, 398
 microfolius 284
 niphophilus 398
Milfordia 193, 233, 252
 homeopunctata 136
 hypolaenoides 136, **246**
Mimosaceae 192, 193, 214, 217, 223, 231, 234, 239, 246, 252–4, 273, 379
Minerisporites marginatus 151, 155
Monimiaceae 192
Monolites alveolatus 233
Monotoca 107, 135
Moraceae 107, 136, 192, 229, 273, 340, 365
Musgravea 123, 269, 364, 405
Musgraveinae 203, 206, 207, 213, 235, **246**, 253, 266, 269, 272
Musgraveinanthus 268, 269, 272
 alcoensis 272
Mutisieae 219, **246**
Myriophyllum 107, 135
Myrsinaceae 107, 135, 237, 238, 363
Myrtaceae 55, 105–13, 114, **115**, 117–19, 121, 122, 124, 126, 131, 134, 135, 137, 166, 193–5, 204, 205, 207–9, 211–14, 215, 217, 219, 220, **221**, 222, 223, 226–9, 232, 234, 237, 239–41, 243–5, **246**, 254, 265–7, 269, 270, 272, 273, 276, 281, 283, 285, 287, 295, 303, **304**, **306**–8, 309, 310, 311, 312, **313**, **314**, 315, 316, 317, 318, 322, **323**, 328, 333, **334**, 338, 339, 344, 345, 349, 351–3, 363, 411
Myrtaceidites 134, 135
 eucalyptoides 108, 115, 121, 123, 134, 194, 240, 254, 363, 413
 eugenoides 123, 193, 254
 mesonesus 123, 194, 229, 234, **246**, 254, 344, 363
 oceanicus 231, 254
 parvus 115, 123, 194, 234, **246**, 254, 344, 363
 tenuis 207, 211, 240, **246**, 254, 413
 verrucosus 115, 123, 194, 207, 234, 254, 363
Myrtaceipollenites australis 207, **246**
Myrtaciphyllum 265, 270
 eremaeensis 270
Myrtoideae 290
Nathorstianella babbagensis **174**
Neomyrtus 353, **354**, 355
Neoraistrickia truncata 151
Neorites 269
Neoropera 107, 135
Ngapakaldia tedfordi 88
Niksonia mucronata **174**, 182
Normapolles 202, 207, **246**
Nothodacrium 396
Nothofagaceae 391
Nothofagidites 135, 340, 362
 asperus 135, 210, 216, 227, 234, **246**, 254
 brachyspinulosus 135, 153, 208, 210, 234, **246**, 254
 deminutus 210, 220, 228, 234, **246**, 254, 333, **334**
 emarcidus 153, 194, 210, **246**, 254, 333, **334**
 endurus 135, 153, 203, 254, 393
 falcatus 210, 213, 227–9, 234, 244, 245, **246**, 254
 flemingii 135, 210, 234, **246**, 254
 heterus 194, 210, **246**, 254
 goniatus 207, 210, 254
 kaitangensis 393
 longispinosus 234, 237, 254
 senectus 135, **145**, **148**, 153, 162, 196, 393
 vansteenisii 220, 228, 234, **246**, 254, 333, **334**
Nothofagus 27, 32, 35, 37, 48, 53–6, 108, 109, 112, 113, 122, 124–6, 130, 137, 162, **164**, 166–8, 193, 195, 198, 199, 204, 206, 211, 213, 215, 217, 221, 222, 226, 228–30, 232, 236, 237, 239, 242–4, 262, 271, 272, 276, 277, 279–82, 285, 286, 289, 292, 295, 303–5, 307, 309, 312, 315, 316, **317**, 318, 320, 323, 328, 340, 341, 343, 349, 351, 369, 376, 383, 390, 391, 392, 393–5, 396, 401, 404, 412
 alessandri 285
 cethanica 394
 cunninghamii 54, 55, 199, 219, 285, 289, 340, 376, **397**
 fusca 285, 394
 gunnii 3, 54, 232, 241, 276, 285, 286, 295, 394, 396
 johnstonii 221, **397**
 microphylla 54, **397**
 moorei 54–6, 280, 285, 286, 291, 340, 396, **397**
 tasmanica 55, **397**
 truncata 285
 Subgenus *Brassospora* 54, 87, 88, 106, 108, 112, 116–18, 135, 137, **150**, 153, 163, 194, 195, 206–23, **224**, **225**, 226–9, 234, 239, 240, 243–5, **246**, 254, 285, 303, **304**–8, **310**, **311**, 312, **313**, 315, 318, 319, 321, 338, **339**, 340, 341, 343, 351, 362, 369, 391, 393–5, 404
 Subgenus *Fuscospora* 106, 118, 135, 137, **150**, 153, 208, 209, 211–14, 216, 217, 219–23, 226, 228, 229, 234, **246**, 254, 285, **304**, **306**–8, **310**, **311**, 315, 319, 362, 391, 393, 394
 Subgenus *Lophozonia* 106, 135, 137, 195, 211–14, 219–22, 226–8, 234, 240, 245, **246**, 254, 281, 285, **304**, **306**–8, **310**, **311**, **313**, 319, 339, 340, 351, 362, 391, 393–6, **397**
 Subgenus *Nothofagus* 207, 208, 214, 217, 219, 226, 234, **246**, 254, 285, 362, 391, 393, 394
Nothofagus **146**, 151

- Notoryctes typhlops* 94
Nuxpollenites 128, 134, 194, 235, 254
Nyassapollenites endobalteus 229
Nymphoides 226
Nypa 105, 106, 119, 135, 206, 211, 212, 215, 228, 229, 231, 238, 243, 246, 252, 280
Obdurodon 94
Oleaceae 166, 234, 253
Olea 361
Oleaceae 352, 353, 363
Oleites 352, 353, 354–7
 willisii 354, 355, 363
Omalthus 107, 135
Onagraceae 134, 193, 194, 210, 217, 223, 231, 234, 253
Onychogalea lunata 92, 93
Opercularia 10, 133, 254
Ophioglossaceae 360
Oreocallis 354, 355, 364
Oritea 266
Orites 106, 110, 135, 137, 194, 266, 290, 353, 354, 355, 364
 diversifolia 290
Ornithorhynchus anatinus 94
Osbornia 237
Osmunda 146, 151
Osmundaceae 150, 151, 161, 162, 176, 177, 185
Osmundacites 154
 mollis 151, 154
 wellmanii 151
Pachypteris 173, 174, 175
 austropapillosa 145, 174, 175
Palaeoprosopsmadites 133, 210, 254
 zelandiae 235
Pandanaceae 233, 252
Papilionaceae 379
Papuacedrus 219, 282
Parafatsia 267, 268, 271
Paripollis orchesis 210, 234, 237, 254
Parkeriaceae 185
Parvisaccites catastus 233, 246, 252
Paxillitrites phyllicus 151, 155
Pediastrum 115, 125, 223
Pelargonium 107, 134, 234
Perameles 89
 bougainville 90
Perforicolporites digitatus 135, 212, 254
Perinomonoletes 146, 151
Peromonolites densus 233
Periporopollenites
 demarcatus 246, 254, 362
 fragilis 153
 polyratus 203, 207, 246, 254
Perisyncolporites pokornyi 135, 210, 254
Peromonoletes 155
 densus 152
Perotrilites 151
Perseeae 193
Persoonia 149, 150, 153, 162, 166, 194, 235
Persoonioideae 166
Petauroides 99
 marshalli 99
 stirtoni 99
Petaurus 90
Petrogale 89
Petrophile 364
Petropseudes dahlia 89
Phaeoceros 146, 151
Phimopollenites pannosus 145, 158, 159
Phoenix 238
Phormium 214, 233, 252
Phyllites 174, 182, 186, 340, 344, 345, 346, 349, 353
 yallournensis 344, 349, 354, 355, 362
Phyllocladites
 mawsonii 135, 145, 147, 153, 161, 194, 246, 252, 334, 360, 398
 palaeogenicus 135, 360
 reticulosaccatus 214, 252
 verrucosus 153
Phyllocladus 106, 116, 119, 125, 135, 137, 203, 205, 217, 219–21, 227–9, 231, 233, 236, 252, 280, 281, 284, 304, 310, 313, 338, 339, 342, 343, 351, 352, 360, 383, 399
 aberensis 281, 284
 annulatus 284
 aspleniifolius 281
 hypophyllus 343
 lobatus 284
 morwellensis 342, 354, 355, 360
Phylloglossum 151, 155
Phyllopteroides 173, 174, 175, 176, 183
 dentata 145, 174, 177, 180, 182
Picea 119, 232
Pilkipildra 87
Pimelea 237
 pauciflora 377
Pinus 119, 232
Pithecellobium 252
Pittosporaceae 192, 230, 379, 380
Pittosporum philliraeoides 380
Plagiochila 185
Planchonella 227
Planigale 89
Plantaginaceae 241
Plantago 377
Platanaceae 147, 153, 159, 165
Plicatella
 distocarinata 151
 gigantica 151
 jansonii 146, 151
Plumbaginaceae 238, 239
Poaceae 106, 108–10, 115, 116, 126, 136, 137, 208, 212, 213, 222, 228, 229, 231, 233, 238, 240, 241, 243, 246, 252, 303, 304–8, 309, 310, 311, 312, 313, 314, 315, 316, 318, 319–21, 323, 340, 361, 369, 373, 383, 384
Podocarpaceae 109, 117, 118, 134–6, 145, 150, 153–5, 163, 164, 166, 180, 186, 192, 194, 195, 203, 211, 233, 236, 246, 252, 265–7, 270–2, 276, 281, 282, 288, 303, 304, 306–8, 309, 310, 311, 312, 313, 314–16, 321, 338, 339, 341, 342, 343, 349, 351–3, 360, 390, 396, 398, 401
Podocarpidites 136, 153, 194, 246, 252, 284, 360
 ellipticus 147, 229, 398
Podocarpus 106, 116–19, 125, 126, 136, 137, 147, 150, 153, 154, 157, 159, 162, 163, 167, 174, 194, 203–5, 207–9, 212, 219, 220, 221, 223, 226–9, 231, 232, 246, 252, 266, 271, 280, 284, 303, 312, 314, 351, 356, 357, 360, 361, 396, 398, 399
 brownii 277
Podosporites
 erugatus 233, 252
 microsaccatus 135, 193, 203, 246, 252, 360
 parvus 219, 233, 236, 252
Podozamites 182, 402
 pinnatus 174
 taenioides 402
Polyadipollenites 193
 granulosus 217, 239, 254
 myriosporites 132
Polycolpites
 esobalteus 136
 langstonii 246, 254
Polycolporopollenites esobalteus 203, 234, 246, 254, 363
Polygalaceae 106, 136, 203, 206, 209, 213, 214, 228, 231, 234, 246, 254, 363
Polygonaceae 136, 223, 231, 235, 253
Polygonum 107, 136, 231, 235, 253
Polyorificites oblatus 133, 193, 254
Polyosma 107, 136
Polypodiaceae 206, 212, 216, 233, 251, 360
Polypodiaceosporites 233, 251
 elegans 152
 retirugatus 208, 210
Polypodiisporites 233, 251, 360
 histeopteroides 233, 251
Polyporina fragilis 148
Polyscias 354, 355, 361
Polysphaeridium zoharyi 121
Pomaderris 376
Portulacaceae 107, 136, 223, 253
Potliaceae 363
Primulaceae 239
Propylipollis 134, 153, 194
 annularis 136
 crassimarginus 149, 153
 reticulosabratus 149, 153
 scaboratus 135

- Proteaceae 55, 108, 112, 113, 117–19, **122**,
 131, 134–7, **148–50**, 153, 161–3, **164**,
 166–8, 192–4, 203–14, **215**, 217–19,
 223, 227, 228, 232, 235–9, 241, 243,
 244, **246**, 253, 254, 264–73, 276, 280,
 281, 285, 286, 290, 292–5, **322**, 328,
 336, 338, **339**, 342, 343, **344**, 349,
 351–3, 363, 364, 390, 402–5, **406**, 407
Proteacidites 134, **149**, 153, 194, 203, 254,
 404
adenanthoides **149**, 153
amolosexinus **149**, 153
angulatus 209
annularis 203, 235, **246**, 254
asperopolus 205, 207, 211, **246**
biporus 211
bremerensis 214
callosus 364
confragosus 209, 213
crassus 205, 207, 211, 217, 235
cumulus 214
fromensis 205, 209
grandis 203, 207, 235, **246**
incurvatus 203, 235
ivanhoensis 135
isopogoniformis 134, 235, 254
latrobensis 205
leightonii 205, 207, **246**
nasus 207
obscurus 203, 235, 254, 364
ornatus 207, 211, **246**
pachypolus 207–9, 211–14, 216, 217,
 226, 227, 238, **244**, **246**
pseudomoides **148**, 153
recavus 207
rectomarginis 214, 216–18, 226, 235, 237,
246, 364
rectus 235
reticulatus 205, 209, 217, **246**
reticulosabratus 203, 235, **246**
rugulatus 207
spiniferus 235
stipplatus 211, 216, **334**, 364
stratosus 133, 364
symphyonemoides 136, **334**, 364
truncatus 213, 229, 254
tuberculatus 218, 220–2, **339**, 364
tuberculiformis 207
Proteeae 403
Protetmodon 381
Proteoideae 166
Prototrappa 177
douglasii **174**, 186
praepomelii 186
tenuifolia **174**, 186
Prumnopitys 280
Pseudochirops 87, 89, **98**, 99
Pseudomys 369
vandyckii 99
Pseudopanax 361
Pseudowinterapollis 235
wahoensis **148**, 153
Psilodiporites 133, 210, 234, 254
Psilotaceae 233
Psilastephanocolporites micus 210, 214, **246**,
 254, 334
Psilatricolporites operculatus 133
Psilotaceae 282
Pteridaceae 152, 161, 162, 226, 233, 251
Pteris 152, 157, 162, 208, 210, 230, 233,
 236, 251
Pterostoma 279, 284, 351
anastomosans 264
eocenica 265
Psilophyllum **179**
boolensis **174**, 175, **176**, 182
castertonensis **145**
pachypteris **145**
spinosum **145**, 175
Pullea 349, 351
Punctatosporites walkomii 151
Quintinia 107, 136, 193, 194, 210, 217–20,
221, 227, 228, 234, 255, 290, 338,
 339, **340**, 347–9, 351, 353, **354**, **355**,
 365, 369
psilatispora 136, 365
sieberi 348
verdoni 348
Quintiniapollis 194
psilatispora 210, 234, 255, 347
Randia 222, 227, 235, 253
chartacea **107**, 134
Ranunculaceae **150**, 153, 162, 241
Rapania 135, 363
Rattus 100, 369
Reevesiapollis reticulatus 210, 235, **246**, 255
Restio 106, 126, 136
Restionaceae 106, 113, 115, 116, 125, 126,
 136, 194, 207, 208, 212, 213, **215**, 219,
 220, **221**, 222, 223, 228, 229, 231,
 233, 241, 243, **246**, 252, 303, 305,
 314, 315, 317, **322**, 328, 338, 339,
 348, 349, 352, **354**, **355**, **358**, 361
Retistephanocolpites 234
Retitriteles 151
australclavites **146**
eminulus **146**
Retrophyllum 272, 399
Rhamnaceae 107, 136, 364
Rhipogonum 107, 136
Rhizophascolonus crowcrofti 96
Rhizophoraceae 106, 119, 136, 212, 238
Rhodamnia 108, 113, 135, **339**, 345, 352
Rhodomyrtus 207, 221, 223, 227, 231, 234,
 254, 339, 345
Rhoiptes 192, 206, 212, 255
alveolatus 134
grandis 229
sphaerica 361
Riccardia koonwarriensis 185
Riccia **146**, 151
Ricciaceae 223, 236, 251
Ricciasesporites kawaraensis 223, 233, 236,
 251
Ricciocarpus 359
Richea 290
Riella **146**, 151
Rientisia variabilis 173, **174**, 175
Rissikia 396
Roupalinae 403
Rubiaceae 134, 135, 194, 210, 222, 226,
 231, 235, 241, 253–5, 364
Rubipollis oblatus 210, 235, 255
Rubus **290**
moorei **290**
Rudolphisporis rudolphi 223, 236, 251
Ruffordia 152
goeppertii 152
Ruffordiaspora 155
australiensis **146**, 152, 154
ludbrookiae 152
Rugulatisporites
cowrensis 226, 233
mallatus 152, 214, 233, **246**, 251
trophus 233
Ruppia 239
Ruppiaceae 239
Rutaceae 107, 136, 192, 226, 266, 273,
 364, 379
Sahnia laxifera 178
Salviniaceae **150**, 152, 162, 360
Samolus 239
Santalaceae 134, 235, 255, 364
Santalum 106, 136, 206, 208, 211–14, 228,
 235, **246**, 255
Santalumidites cainozoicus 136, 235, **246**, 255
Sapindaceae 134, 166, 192–4, **221**, 231,
 235, 240, 253, 254, 266, 273, 351,
 365, 379, **380**
Sapotaceae 106, 119, 136, 193, 194, 206,
 208, 211–14, 217, 219, 220, **221**, 222,
 227, 228, 231, 235, **246**, 255, 365
Sapotaceoidaeipollenites
latizonatus 194, 255
rotundus 136, 194, 235, **246**, 255, 365
Saxifragaceae 338, 339, 347, 353, 365
Scaevola 231
Schizaeaceae **150**, 151, 152, 161, 162, 185,
 233, 251, 282
Schizocolpus marlinensis 234, **246**
Schizomeria 286
Scleranthus 378
Scrophulariaceae 194, 229, 231, 238, 241
Selaginella 159, 161
Selaginellaceae **146**, 151, 155
Selliera 239
Sestrosporites pseudoalveolatus 151
Setonix 97
Simaroubaceae 107, 133, 361
Simpsonipollis 212, 255
Sloanea 266, 269, 273, **339**, 346, **354**, **355**,
 362
woolsii 346

Cambridge University Press

978-0-521-03957-4 - History of the Australian Vegetation: Cretaceous to Recent

Edited by Robert S. Hill

Index

[More information](#)

Taxonomic index

429

- Smithtonia* 282, 399
Sonneratia 206, 238, 252
 Sonneratiaceae 119, 252
 Sparganiaceae 106, 113, 115, 118, 125,
 136, 205, 207, 208, 211, 213, 216,
 218, 226, 228, 229, 231, 233, 246,
 252, 338, 339, 348, 352, 354, 355,
 361
Sparganiaceapollenites 136, 194, 223,
 252
 barungensis 348, 361
 Sphagnaceae 151
Sphagnum 146, 155, 217, 244, 359, 378
Sphenopteris 185
 travisii 146, 152
Sphenostemon 107, 136, 365
 Sphenostemonaceae 365
Spinizonocolpites 238
 baculatus 228
 prominatus 135, 206, 211, 246, 252
Stenocarpus 354, 355, 364
Stenochlaena papuanum 226
Stephanocolpites oblatius 234, 255
 Sterculiaceae 106, 136, 192, 210, 219, 235,
 238, 255, 265–7, 269, 270, 287, 365,
 379
Stereisporites 151, 217, 359
 antiquasporites 146
Steropodon glamani 84, 86, 94
Sticherus 264, 282, 295
 tener 282
Stirlingia 149, 150, 153, 162, 166, 167,
 315
Stoebe 324
Stoverisporites microverrucatus 151
Strasburgeria 235, 253
 Strasburgeriaceae 235
Striasyncolpites laxis 194, 219, 234, 255
Striatocolpites minor 133
Strigococcus 90
 Styliaceae 219, 231, 235, 241
Symphymyrtus 413
Symphonema 107, 136, 137, 364
 Symplocaceae 107, 136, 231, 235
Symplocoipollenites austellus 136, 235
Symplocos 110, 235
Syncarpia 413
Syzygium 55, 108, 121, 135, 195, 222, 264,
 340, 344, 345, 349, 351, 352, 354,
 355, 363
Swainsonia 378

Tachyglossus 94
Taeniopteris 174, 175, 176, 180, 182, 185
 daintreei 173, 174, 178, 180, 182
 spatulata 173, 174
Tarsipes spenserae 293
Tasmannia 365
 lanceolata 289
 Taxodiaceae 180, 184, 186, 194, 204, 205,
 207, 212, 228, 236, 243, 276, 282,
 288, 295, 360

Telopea 149, 150, 153, 162, 163, 166, 167,
 194, 203, 206, 213, 214, 219, 226, 232,
 235, 246, 255
 truncata 287
Tetracolporites 192
 palynius 214, 217, 255
Tetrapollis 192
Thallites 185
Thylogale 90, 97
 Thymeleaceae 237
 Thyrsopteridaceae 233, 251
 Tiliaceae 204–9, 211, 231, 235, 237, 246, 253
Tmesipteris 233, 282
Tomaxiella biforme 147, 152
Toronia 235
Trichotomosulcites subgranulatus 147, 153
Tricolpites 192, 203, 206
 asperamarginis 229, 231
 geranioides 216
 minutus 147, 153, 159
 phillipsii 235
 reticulatus 148, 153, 219, 255
 simatus 135, 210, 211, 255
 thomasi 210, 211, 213, 255
 trioblatius 194, 235
Tricolporites 128, 192, 206
 apoxyxinus 145, 161
 geranioides 134
 lillieii 153
 valvatus 212
Tricolporopollenites 192, 206
 endobalteus 193, 255, 362
 ivanhoensis 136
 pelargonioides 134, 234
Triglochin 239
Trilites tuberculiformis 152, 359
Trimenia 150, 153
 Trimeniaceae 148, 150, 153, 162, 163,
 166, 167, 205, 208, 213, 214, 217, 221,
 226, 232, 246, 254
Triodia 378
Priorites 192
 magnificus 210, 246
 punctulatus 148
Triporoletes
 disciformis 151
 reticulatus 146
Triporopollenites 192
 ambiguus 149, 153, 203, 218, 235, 246,
 255, 364
 bellus 134, 224, 225, 309
 endobalteus 135
Triporetetradites 134, 255
Triprojectacites 202
Tripunctisporis 217
Trisaccites 246
 micropteris 135
Trisacocladius tigris 147, 153
Tristania 108, 135, 340, 344, 345, 349,
 352, 353, 354, 355, 363
 laurina 344
 neriifolia 344

Trochocarpa 289
Tsuga 119
Tubuliflorae 205, 234
Tubulifloridae 255
Tubulifloridites 133, 194, 234, 255
 antipoda 246
 lillieii 145, 148, 162
 pleistocenicus 324
Typha 252, 348, 353
 Typhaceae 205, 207, 208, 211, 213, 216,
 218, 226, 228, 229, 233, 246, 252,
 338, 339, 348, 349, 352, 354, 355,
 361

 Ulmaceae 231, 340, 365
 Umbelliferae 235
Ungeria 213, 214, 227, 235, 237, 246, 255
 floribunda 210
Uromys 99
 Urticaceae 107, 136, 229, 340, 365

 Verbenaceae 231, 237
Verrucosiporites
 cristatus 216
 kopukuensis 233
Vesselowskyia 193, 219, 286
 rubifolia 286
 Vitaceae 107, 136, 210, 229, 231, 235, 255,
 365
Vitreisporites pallidus 152
Vombatus 90

Wakaleo oldfieldi 86
Wakiewakie lawsoni 86
Wallabia 97
Weinmannia 193, 219, 286, 288, 289
Wetzelia 206, 207, 238
Willungia 267, 281, 282, 399
Wiksonia 239
 Winteraceae 106, 117, 124, 136, 150, 153,
 162, 163, 165–7, 205, 209, 221, 226,
 228, 232, 235, 241, 365
Wonambi naracoortensis 91

Xanthomyrtus 222, 281
Xylomelum 106, 117, 122, 124, 136, 137,
 194, 315, 328, 339, 343, 344, 352,
 354, 355, 364, 403
 occidentale 203, 204, 206, 209, 212–14,
 220, 221, 226, 229, 235, 246, 254
Xylopteris 175
 difformis 174, 175

Yalkaparidon coheni 95

Zaglossus 94
 bruijnii 94
 Zamiaceae 265, 273, 284, 339, 351, 354,
 355, 360
Zonocostites 212
 ramonae 136
Zygochloa paradoxa 378, 379

General index

Bold numbers indicate illustrations.

Aboriginal people 37, 81, 84, 92, 127, 278,
324, 370, 381, 382, 383, 413

Africa 121, 122

Albedo 18

Algae 184, 215

Alpine vegetation 35, 54, 124, 222, 240,
241, 276, 282, 287, 290, 293, 295,
296, 369, 370, 375, 376, 378, 382,
385, 398

Angiosperms 147, 148, 153, 186, 237

Differentiation 161–3, 183

Earliest in Australia 143, 156–61, 165

Oldest flower 180, 181

Antarctica 5, 7–11, 17, 25, 26, 34, 37, 38,
83, 117, 122, 130, 163, 165–8, 196,
203, 232, 285

Anthocerotae 105, 151, 236, 251

Apparent Polar wander path 18, 182, 226

Aridity/arid zone flora 12, 30, 36, 37, 53,
71, 75, 76, 90, 112, 118, 119, 125,
192, 199, 278, 287, 294, 299, 300,
304, 315, 319, 320, 352, 369, 373,
376, 378, 379, 380, 381, 382, 384,
385, 386, 405, 409, 412, 413

Arthropods 266

Asia 12, 14, 83

Atmospheric circulation 30, 32, 33, 35, 75,
198, 299, 300, 320, 324

Australia–Antarctica migration 232, 393

Australia–New Zealand migration 232–7

Australia–Southeast Asia migration 6, 83,
84, 100, 120, 143, 157, 166, 167,
216, 230–2, 293, 321, 391, 392

Basins *see* Sedimentary basins

Borneo 119, 121, 122, 166, 167

Bryophytes 105, 117, 146, 151, 154, 159,
160, 183, 184, 185, 233, 236, 251,
352, 354, 355, 359

Canopy structure 2, 156, 163

Carbon dioxide 3, 198, 294, 395, 398

Casuarinaceae

Evolution 409, 410

Circumpolar current 17, 198, 215, 299, 320

Climate 2, 9, 14

Cretaceous 17, 25, 28, 72, 86, 156, 160,
161, 163, 167

Humidity 15, 27, 30, 32, 34, 35, 38, 51,
71, 110, 156, 202, 204, 206, 278,
288, 291, 302, 395

Quaternary 35–7, 75, 90, 92, 290, 294,
369, 382, 413

Rainfall 24–6, 30, 32, 34–7, 53, 54, 56,
75, 109, 110, 111, 113, 131, 161,
202, 226, 228, 239, 291, 300, 319,
320, 322, 324, 375, 380, 395, 401

Temperature 19, 25–38, 46, 47, 48, 71,
72, 112, 156, 160, 161, 163, 167,
195, 199, 200, 202, 204, 208, 209,
216–18, 227, 243, 245, 278, 281,
299, 300, 312, 317, 373, 380

Mean annual temperature 47–55, 109,
268, 279, 288, 401

Megathermal 44, 45, 48–55, 195, 243

Mesothermal 44, 45, 48–55, 195, 243,
245

Microthermal 44, 45, 48–55, 195

Tertiary 29–37, 48, 51–5, 72, 87, 88,
99, 100, 109–12, 194, 195,
198–200, 202, 204, 205, 209, 242,
278, 395, 399

Conifers 3, 54, 152, 156, 158, 163, 164,
176, 179, 180, 183, 186, 221, 233,
281, 295, 351, 358

Continental reconstruction

Cretaceous 6–10, 27, 154, 155, 157–62

Quaternary 36

Tertiary 10–12, 29, 31, 33, 36

Cosmopolitan theory 1

Cretaceous/Tertiary boundary 162, 184, 203

Cycadeoids 156, 157, 175, 180, 182, 183,
185, 186

Cycadophyta 147, 152, 164, 175, 180, 182,
184, 219, 262, 279, 360, 390, 411

Dispersal

Long distance 118, 232, 242, 414

Drainage patterns 22, 23, 24, 26, 38, 60,
66, 68, 71, 154, 161

Drake Passage 10, 33

Epiphyllous fungi 45, 51, 53, 54, 184, 288,
395

Eustasy 21, 74, 192, 196, 199, 243, 299,
300, 328

Extinctions 118, 162, 214, 217, 289, 294,
295, 369, 382, 383, 384

Ferns 105, 117–19, 146, 154, 157–9, 163,
167, 180, 183, 185, 221, 233, 236,
251, 282

Fiji 219, 284, 286, 399

Fire 35, 108, 111, 192, 198, 202, 221, 239,
278, 292, 321, 322, 323, 337, 347,
348, 349, 352, 353, 354, 355, 356,
357, 376, 377, 381, 382, 383, 385,
386, 413

adaptations to 127, 131

Floral elements 120, 230

Antarctic element 124, 230

Australian or autochthonous element
121, 230

Indo-Malaysian element 230

Floristic zones 119, 120, 370, 371, 384

East–west disjunctions 123

Southern Gondwana Floristic Province
163

Foliar physiognomy 44, 46, 47, 49, 50,
53, 54, 182, 195, 269, 279, 287,
288

Fossil preservation 172, 336, 337

Frost 53, 54, 112, 117, 199, 285, 324

Geological time 5, 15, 16, 145, 171, 198,
300

Ginkgophyta 147, 152, 164, 175, 183,
186

Glaciation

Oligocene 34, 216, 218

Permian 65, 66, 71, 76

Quaternary 36–8, 75, 90, 195, 278, 304,
368, 373, 375, 376, 378, 382, 383,
386, 398, 401, 414

Grasslands 35, 36, 110, 117, 118, 126, 127,
131, 229, 240, 246, 317, 323, 324,
369, 374, 375, 377, 378, 380, 382,
383, 385

Gymnosperms 105, 110, 115, 116–18, 122,
126, 147, 215, 236, 251, 282

Hepatics 184, 185

Herbivory 3, 80, 83, 86, 87, 88, 89, 91, 93,
95–7, 382, 385, 386

India 7–9, 164, 165

Indonesia 9

Invasion theory 120, 143, 230, 242

Isoetales 185

Cambridge University Press

978-0-521-03957-4 - History of the Australian Vegetation: Cretaceous to Recent

Edited by Robert S. Hill

Index

[More information](#)

432

General index

- Lake Eyre 22
 Lake George 35, 37, 116, 117, 127, 302, 305, 308, 309, 319, 320, 323, 375, 376, 377, 382, 383
 Land bridges
 Australia–Tasmania 76
 Australia–New Guinea 76
 Landscape erosion 65, 66, 68, 70, 71
 Landscape provinces (Australia) 61, 65
 Leaf size index 47, 51, 52, 54
 Leaves
 Deciduous 3, 45, 48, 182, 208, 276, 279, 280, 281, 285, 286, 369, 378, 384, 391, 394
 Evergreen 3, 45, 391, 394
 Evolution 400, 405
 Lemnathyma Creek 218–21
 Lord Howe Island 11
 Lord Howe Rise 7, 19
 Macrofossil
 Range chart 174, 183
 Sites 263, 277, 333
 Anglesea 48–51, 55, 104, 112, 265, 266, 269, 270, 272, 273, 405
 Bacchus Marsh 48–51, 54
 Bell's Plains 281
 Brooker 279
 Buckland 277, 279, 280, 399
 Cethana 48–54, 218, 219–21, 279, 281, 282, 283, 284, 285, 286, 287, 288, 291, 292, 293, 296, 405
 Deane's Marsh 49, 269, 272
 Deloraine 279
 Golden Grove 48–55, 265, 268, 269, 270, 272, 273
 Lake Bungarby 272
 Langdon River 290
 Latrobe Valley 48, 55, 56, 302, 303, 304, 316, 317, 318, 319, 320, 321, 322, 323, 328, 329, 330, 349, 359, 398, 405, 407, 409, 412
 Lea River 279, 281, 282, 283, 284, 285, 286, 288
 Little Rapid River 218, 220, 221, 279, 281, 282, 283, 284, 285, 287, 288, 292, 296
 Loch Aber 279, 280, 281, 399
 Maslin Bay 48–55, 264, 265, 267, 268, 269, 272, 273
 Merlinleigh Sandstone 271
 Monpeelyata 48–54, 222, 241, 279, 281, 282, 284, 285, 287, 288, 292, 296, 398
 Moranbah 272, 273
 Nelly Creek 48–53, 269, 270, 271, 272, 273, 409
 Nerriga 48–52, 55, 263, 264, 272, 292
 New Norfolk 281
 Pioneer 48–54, 221, 222, 279, 281, 282, 284, 285, 291, 293
 Regatta Point 279, 280, 289, 290, 291, 292, 293, 294, 295, 296, 309, 398, 399
 Regency 290, 294
 Richmond 280
 Styx River 279, 280
 Vegetable Creek 262, 271, 281
 West Dale 272, 405
 Madagascar 9
 Mammals 80
 Bats 81, 83, 86, 99, 100
 Dingo (*Canis familiaris*) 81, 84, 94
 Diversity 80
 Extinctions 92, 94
 Fossil assemblages 82
 Gigantism 90, 92, 92
 Marsupials 80, 83, 86, 87, 88, 89, 90, 91, 94, 95–8, 99, 100
 Monotremes 80, 83, 84, 94
 Origins of Australian mammals 82–5
 Rodents 81, 84, 95, 99, 100
 Seals 81, 83
 Sirenians 81, 83
 Cetaceans 81, 83, 84, 87
 Mangroves 32, 105, 119, 121, 192, 199, 206, 207, 212, 228, 229, 237–9, 243, 251, 252, 280
 Migration routes 120, 124, 127, 130, 143, 155, 156, 163–8, 216, 384
 Milankovitch hypothesis 37
 Mountains
 Australia 21, 65, 66, 67
 Central Australian Ranges 65, 66
 Darling Range 22, 24
 Eastern Highlands 8, 22, 26, 34, 60, 66, 67, 68, 71, 72, 75, 76, 198, 199, 220, 300, 302, 329
 Flinders Ranges 22
 Gulf Ranges 66
 New Zealand 118
 Southeastern Highlands 60, 109, 116, 117, 226, 243, 302, 305, 308, 316, 318
 Stirling Ranges 22
 Transantarctic Mountains 10
 New Caledonia 7, 9, 11, 53, 162, 196, 203, 219, 240, 276, 280, 282, 283, 284, 285, 286, 349, 352, 353, 394, 399, 401
 New Guinea 9, 10, 12, 21, 53, 54, 94, 118, 121, 162, 190, 195, 196, 203, 216, 219, 266, 276, 282, 284, 285, 286, 291, 321, 340, 349, 370, 371, 375, 381, 384, 385, 394, 395, 402
 New Zealand 8, 9, 17, 19, 21, 26, 117, 118, 123, 130, 132, 167, 195, 203, 219, 232, 236, 241, 242, 280, 282, 284, 288, 349, 352, 353, 376, 393, 394, 395, 407, 410, 413, 414
 Ninetyeast Ridge 205, 229, 230, 243, 407
Nothofagus
 Ancestral type 106, 135, 137, 148, 150, 153, 196, 202, 203, 206, 254, 393
 Classification 3, 391
 Decline 131, 312
 Dispersal 130, 166, 211, 230, 321, 340, 390, 391
 First appearance 108, 166
 Leaf evolution 395, 396, 397
 Nomenclature 3
 Origin 391, 392, 393
 Pollen record 108, 110, 114–16, 117, 118
 Pollen types 3
 Subgeneric names 3
 Nullarbor Plain 68, 74, 123, 124, 379, 385
 Oxygen isotope data 16, 19, 21, 28, 30, 31, 34, 111, 112, 199, 209, 278, 299, 300, 304, 368
 Palaeoceanography 18, 19, 20
 Palms 112, 118, 211, 214, 227–9, 252, 265, 280, 379
 Pan-Australian flora 123, 242
 Photoperiod 2, 18, 112, 117, 182, 202, 239, 278, 279, 280, 285, 404
 Polar ice caps 12
 Pollen
 Deposition 193
 Dispersal 193
 First appearances 105
 Geographical variation 112, 113
 Preservation 104, 112
 Production 193
 Range chart 106, 107, 150, 335
 Sites 301, 333, 372
 Stratigraphy 196, 197, 334
 Taxonomic affinities 192, 193
 Pollination 131
 Animal 120, 292, 293, 404
 Bat 105, 293
 Bird 193, 293, 294, 404, 405
 Insect 105, 120, 193, 293, 404
 Wind 105, 193, 302, 340, 404
 Pre-angiosperm flora 154, 155, 156
 Proteaceae
 Origin and dispersal 403
 Pteridospermophyta 147, 152, 156, 157, 175, 180, 183, 185
 Queensland Plateau 7
 Rainforest
 Decline 126, 127, 131, 132, 222, 224, 225, 226, 288, 292, 299, 316, 318, 319, 320, 323, 324, 375
 Extant 111, 199, 203, 265, 266, 269, 285, 286, 303, 377, 403
 History 110, 112, 116, 117, 203, 211, 228, 243, 244, 245, 246, 265, 266, 268, 269, 272, 284, 292, 295, 309, 353, 378, 383, 384, 386

Cambridge University Press

978-0-521-03957-4 - History of the Australian Vegetation: Cretaceous to Recent

Edited by Robert S. Hill

Index

[More information](#)

General index

433

- Webb's classification 46, 49–56, 195, 265
 Regolith 71, 72, 74
 Reptiles 87, 88, 91
 River systems 30, 35, 37, 38, 158, 161, 162

 Salinity 24, 192, 207, 237–9, 324, 378
 Sclerophyllous vegetation 35, 53, 89, 90, 108, 119, 123, 162, 167, 168, 239, 270, 271, 272, 273, 286, 289, 290, 292, 293, 294, 295, 303, 315, 317, 318, 321, 323, 324, 343, 352, 369, 375, 383, 403, 405, 409
 Dry sclerophyll 110, 117, 125, 290
 Wet sclerophyll 109–11, 305, 308, 322, 323
 Sea-floor spreading 5
 Sea level 16, 19, 21, 25, 26, 32, 34, 37, 38, 67, 68, 72, 75, 76, 143, 155, 157, 158, 173, 175, 183, 184, 196, 199, 205, 218, 221, 317, 328, 333, 335, 370, 373, 380, 382, 385
 Sedimentary basins 15, 23, 24, 144, 191
 Amadeus 65
 Barossa 227, 228, 238
 Bass 8, 154, 158, 159, 161, 162, 175, 196, 199, 206, 210, 216, 217, 238
 Birdsville 28, 30, 32, 38
 Bonaparte 30, 204, 230
 Bremer 32, 196, 199, 214
 Buckland 207
 Callabonna 228
 Canning 68, 69, 154, 162, 173
 Capricorn 162, 163, 212
 Carnarvon 28, 38, 161, 173, 214
 Carpentaria 154, 155
 Coral Sea 9
 Duntroon 204
 Eromanga 68, 69, 71, 154–61, 165, 173, 180, 183–5
 Eucla 24–6, 32, 68, 69, 154, 160, 162, 175, 180, 196, 199, 212–14, 215, 238, 239
 Gippsland 7, 24, 27, 31, 66, 71, 105, 113, 154–6, 158–62, 173, 175, 178, 183–6, 190, 191, 194, 196, 198–200, 201, 203, 205–8, 210, 211, 216–18, 227, 236, 238, 240, 302, 329, 330, 333, 413
 Great Australian Bight 24–6, 204
 Hale River 212
 Karumba 69
 Lake Eyre 48, 52, 53, 56, 204, 205, 207, 208, 212, 213, 227, 238, 243, 269, 379, 413
 Lake Frome 209, 302, 304, 305, 316, 318
 Lake Torrens 209, 212, 213
 Laura 173
 Maryborough 158, 172, 182, 185
 Murray 28, 30, 34, 35, 68, 69, 70, 75, 105, 114, 121, 190, 196, 198, 199, 204, 210–13, 216, 217, 222, 223, 224, 225, 227, 228, 238–40, 244, 245, 300, 302, 304, 305, 306, 307, 316, 318, 320, 322, 323, 378
 Officer 68, 69, 162
 Otway 8, 24, 27, 30, 66, 71, 154, 155, 158–60, 162, 166, 173, 175, 180, 183–7, 190, 196, 199, 202, 204, 205, 207, 208, 210, 212, 216, 236, 238, 302, 403
 Perth 21, 24, 29, 30, 65, 71, 154, 155, 157, 158, 160, 162, 173, 205, 215, 238
 Pirie 213, 217
 Sorrell 8
 St Vincent 212–14, 217
 Surat 154, 155, 157–9, 161, 173, 175, 185
 Sydney 67, 203
 Torrens 213
 Willochra 212
 Yaamba 198, 211
 Seed dispersal 130, 205
 Soil 5, 60, 74, 75, 76, 120, 162, 167, 168, 180, 198, 202, 221, 239, 278, 287, 292, 293, 295, 343, 373, 379, 380, 383, 403, 405, 409
 South Africa 7, 8, 123, 165, 167, 292
 South America 7, 10, 11, 83, 94, 121–3, 163–8, 195, 196, 219, 280, 282, 284, 285, 287, 288, 394, 409, 410, 413, 414
 Southeast Asia 12, 118, 232, 353
 Southern Ocean 8, 9, 17, 32
 Species diversity 291
 Sphenopsids 183, 184, 185
 Stomata
 Adaptations 287, 405
 Arrangement 175
 Distribution 399, 400, 401, 406, 408, 409
 Sundaland 6, 10

 Tasman Sea 8–10, 12, 19, 26, 159, 161, 200
 Taxads 164
 Tectonic provinces (Australia), 60, 62
 Topography (Australia) 63
 Tree rings 109, 112, 117, 199, 222

 Vegetation reconstructions 176, 177, 356–8
 Volcanism 5, 22, 23, 24, 26, 30, 32–5, 38, 67, 155, 175, 180, 198, 202, 216, 220, 222, 278, 289, 300

 Weathering 72, 73, 74, 75, 76
 Weddellian Province 392, 393

 Xeromorphy 53, 294, 405, 409